

Notice of Allowability**Application No.**

10/598,629

Applicant(s)

EDWARDS ET AL.

Examiner

CHIH-CHING CHOW

Art Unit

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/6/2006.
2. ☒ The allowed claim(s) is/are 1-7,9,10,12-14 and 16.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20100503.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Examiner's Amendment and Statement of Reasons for Allowance

1. This action is responsive to Applicant's supplemental amendment on April 19, 2010.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert Enyard, Registration Number 57,780, on May 3, 2010 for obviating any potential 101 issues and put the claims in condition for allowance.

The application has been amended as follows:

1. (Currently Amended) A method of exchanging data between software components on a portable device, comprising:

~~loading~~ activating a first software component using the portable device;
communicating with a service provider to identify a first data type used by the first software component, the first data type corresponding to data that must be retrieved from a service provider, wherein identifying the first data type comprises:

providing a list of data types available for the first software component from the service provider; and

selecting a subset of the list of data available for the first software component, wherein the first data type comprises selected data and excludes un-selected data;

identifying a second data type used by the first software component, the second data type corresponding to other data previously retrieved from the service provider by the portable device;

retrieving data corresponding to the first data type from a the service provider for the first software component at the portable device,

retrieving the other data corresponding to the second data type from the portable device;

displaying on the portable device a return content result including data corresponding to an aggregation of both the first data type and the second data type;

identifying common data from at least one of at least a portion of the data retrieved from the service provider and at least another portion of the other data retrieved from the portable device, the common data being used by the first software component and a second software component;

receiving input designating the second software component to activate at the portable device;

initiating a call by the first software component to toad activate the second software component in response to the input;
activating the second software component; and
exchanging the common data between the second software component and the first software component.

9. (currently amended) The method of claim [[8]] 1 wherein the first data type comprises status/update information.

12. (currently amended) The method of claim [[8]] 1 wherein the second data type comprises application files.

13. (currently amended) The method of claim [[8]] 1 wherein identifying the first data type and the second data type used by the first software component is performed by the service provider.

14. (currently amended) The method of claim [[8]] 1 wherein identifying the first data type and the second data type used by the first software component is performed by the portable device.

16. (Previously Presented) The method of claim [[8]] 1 further comprising storing data corresponding to the second data type on the portable device.

Examiner's Statement of Reason(s) for Allowance

3. Claims 1-10, 12-14, 16 are allowed.

4. The following is an examiner's statement of reasons for allowance:

The prior arts of record: **Lowery**, teaches a request is sent from a client to a server over a communications link. A web server on the server responds to the request with a dynamically generated, selected characteristic enabled, transient applet including a plurality of data items therein. The data items are represented in the applet as a plurality of respective non-updateable, pre-loaded elements and a subset of the data items may be represented by respective updateable elements. The applet is executed on the client and then substantially discarded when the client no longer requires the data or services of the applet. **Reisman**, teaches a method for distributing information to a plurality of uncoordinated user stations each of which is configured for communications with a multiplicity of independently-operated servers via a non-proprietary network includes steps for providing a distribution service that distributes updates for a plurality of different products, and providing a transporter software component to each of the plurality of uncoordinated user stations, wherein the transporter software component at each user station automatically effects communication sessions with the distribution service via the non-proprietary network for the purpose of obtaining updates for each of at least a subset of the plurality of different products that are installed on that user station. **Dowling et al.**, teaches a geographical web browser allows a user to navigate a network application such as the Word Wide Web by physically navigating in geographical coordinates. For example, a geographical web browser is implemented in a mobile unit such as a dashboard computer. The mobile unit

includes one or more transducers such as antennas and is operative to receive locally broadcast signals or to operate a global positioning system (GPS) receiver. As the mobile unit navigates into different physical localities, different web pages are displayed by the geographical web browser. **Chakraborty** et al., teaches a method and apparatus for authorized distribution of digital content amongst a plurality of mobile devices, under the mobile service provider's control. A mobile subscriber requests for services (digital content/applications) to a mobile service provider. The mobile service provider then sends a download descriptor to the mobile device through an SMS message. The download descriptor includes a link to the actual digital content hosted by a content provider. The user is then able to read, delete, forward the download descriptor to other mobile users or download the content on his/her mobile device at any point of time. The user also gets notified about any changes such as a new service or a version upgrade according to his/her preferences. The invention enables the mobile service provider to implement payment, licensing, copyright and other digital rights management policies while enabling a user to distribute the content to other users. **Elliott** et al., teaches a spatial indexing intelligent agent that indexes information against a database of spatial language which is used in combination with a modified search engine that conducts searches using spatially relevant criteria and spatial analysis algorithms. Alpha-numeric values from a mathematical system are used for identifying spatial locations, and can be arbitrary, geocentric, virtual, and galactic. **Leemakers**, teaches a data processing system for receiving at least one of a user data file and an application program wirelessly transmitted from a central server. The data processing system comprises an RF transceiver for receiving in a forward channel blocks of data transmitted by the central server and transmitting to the

central server in a reverse channel at least one of user input data and user commands. The blocks of data comprise the user data file and the application program. The data processing system further comprises a download controller for monitoring the received blocks of data and detecting therein corrupted data associated with a first block of data. The download controller, in response to the detection of the corrupted data, transmits to the central server via a wireline network a retransmission request capable of causing the central server to retransmit the first block of data. New art made of record: US 2005/0129385 A1 by **Speasl et al.**, teaches a portable, removable memory device also includes a display for rendering images stored in the memory device in standalone mode. The memory device has a standard attachment interface to enable attachment and communication with different kinds of hosts. It also includes at least sufficient intelligence to be able to transform image file formats to satisfy user preferences or the requirements of different hosts. The device can be used as an interchangeable memory card, and also as a simple and easy way of sharing digital images. However, none of them, taken alone or in combination, teaches the features in such a manner as recited in independent claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chih-Ching Chow whose telephone number is 571-272-3693. The examiner can normally be reached on 8:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached on 571-272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Chih-Ching Chow/
Examiner, Art Unit 2191
5/5/10

/Wei Y Zhen/
Supervisory Patent Examiner, Art Unit 2191